Mountain Weather Forecast

Snowdonia National Park

Forecast valid from 06:00 on Thursday 17 Feb 2022 until 23:59 on Friday 18 Feb 2022

Forecast Issued on Thursday 17 Feb 2022 at 00:55

Confidence: High for windy and unsettled, particularly Friday, lowering for the detail of timing of poorest conditions.

Headline for Thursday 17 Feb 2022: Snow showers. Severe gale to storm force summit winds initially.

Mountain weather hazards on Thursday 17 Feb 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light snow showers (night)	Light snow showers	Heavy snow showers	Light snow showers	Cloudy	Cloudy
Precipitation probability					
40%	20%	60%	20%	10%	10%

Forecast for Thursday 17 Feb 2022

Weather: A day of showers, with outbreaks heaviest and most frequent midday through to mid-afternoon, over western peaks such as Cadair Idris, with a small chance of thunderstorms. Showers dying away early evening, while cloud increases. Snow level around 400-500m.

Chance of cloud-free hill tops above 800m: By day 70% for any given time, but virtually nil for prolonged periods given the showery nature of the flow.

Low Cloud and visibility: Good becoming moderate to very poor in showers, only a few metres in cloud with bases sporadically lowering to 500m.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 17 Feb 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	47/56 W	36/45 W	26/36 W	33/44 W	28/35 W	19/25 SW	21/27 S
600	32/40 W	25/34 W	21/30 W	26/36 W	19/26 W	13/18 SW	17/23 S
300	21/36 W	16/30 W	13/24 W	16/30 W	12/23 W	7/16 SW	10/20 S
Valley	21/36 W	17/30 W	12/22 W	16/29 W	12/23 W	7/16 SW	10/19 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-1/-12	-2/-10	-1/-8	-0/-9	-1/-8	-1/-8	-1/-8
600	1/-7	1/-6	2/-5	2/-5	2/-4	2/-3	1/-4
300	4/-2	4/-1	4/-0	4/-0	4/0	4/1	4/-0
Valley	5/0	5/1	5/1	6/2	6/2	5/2	5/2
Freezing Level	600m	600m	700m	800m	700m	700m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Significant wind chill effect throughout. Severe gales at first, but then winds gradually easing.

Forecast for Friday 18 Feb 2022

Weather: Unsettled with Storm Eunice crossing eastwards over northern England. Heavy rain and snow quickly arrives, with the snow above 500m. Storm force winds quickly develop, leading to widespread blizzard conditions. The snow clears by dawn, but storm force winds persist. Showers or longer spells of rain follow for the morning, with snow above 600m, then broken cloud and scattered wintry showers for the afternoon and evening as the wind gradually eases. Snow level lowering to around 300m from early evening.

Maximum wind: South or Southwest increasing mean 65-70mph across most exposed ridges and summits from mid-morning, with gusts reaching 80-90mph, before easing gradually through the afternoon and evening.

Chance of cloud-free hill tops above 800m: Quickly becoming 0%, then improving 40% through the morning and becoming 75% by late afternoon.

Low Cloud and visibility: Blizzard conditions at first, with very little visibility and dangerous conditions. After dawn improving generally moderate to good, but occasionally falling poor to very poor in showers or longer spells of rain or snow.

Temperature: **Valleys:** Plus 1 Celsius becoming 9 Celsius during the afternoon
At 800m: Zero to plus 2 Celsius at first lowering minus 3 Celsius later
Freezing level: 700-900m lowering 500m later

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Ground Conditions Supplement
Please see -
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